

LONG BROTHERS'

AUTUMN CATALOGUE

OF

FLORICULTURAL STOCK

EMBRACING

Hyacinths, Tulips and other Hardy Bulbs,

Flower Seeds, Plants for Winter Culture,

Miscellaneous Stock, Etc., Etc.

FOR THE YEAR 1875.

BUFFALO, N. Y.

To Our Patrons.

The present Catalogue contains lists, and in most cases descriptions, of such Plants, Bulbs and Seeds as are desirable for culture and flowering during the time which elapses between the termination of the outdoor flower season of one year and its approach the next year after. There are also included some kinds of Seeds, Bulbs, etc., which may be planted in the open ground either in autumn or spring, but which it is advantageous to plant during the former season, or which, as in the case of some annuals, if planted in autumn will afford flowers earlier next year than spring-sown seed will; thus materially lengthening the season of these flowers, if sowings are again made at usual times in spring and later, for repeated successions.

Where no directions for cultivation are given in this Catalogue, the reader is referred to our new publication entitled

THE HOME FLORIST,*

in which full directions for managing 200 different kinds of plants at all seasons, in the open air, window and conservatory or greenhouse, may be found. A copy of this work, bound in paper covers, was mailed, free of charge, to each old and new customer of last and this year who purchased stock in one order and at one time to the amount of \$1.30, soon after its publication and during the spring season. As our terms then given shall remain in force until January 1st, 1876, we repeat them here, for the benefit of new recipients of our Catalogue who may desire to avail themselves of the advantages afforded:

"EVERY NEW CUSTOMER OF OUR HOUSE, who, during 1875, purchases stock *to the amount of \$1.30 OR UPWARDS, in any one order, and at Retail Catalogue prices*, will be entitled to one copy of the "HOME FLORIST, bound in paper, free of charge, by mail, post paid.

"PERSONS ORDERING AND PAYING for the HOME FLORIST in advance, are allowed the privilege of "applying *its cost price in paper binding, 30 cents*, towards paying any order for stock, AMOUNTING TO \$1.30 "OR UPWARDS, which they may favor us with. To effect this readily, a certificate valued at 30 cents IS ENCLOSED "IN EVERY COPY OF THE HOME FLORIST WHICH HAS BEEN ORDERED AND PAID FOR IN ADVANCE, and THIS "will be received in payment for stock, THE SAME AS SO MUCH MONEY, as per these terms, and according to the "conditions printed on its face."

Read the following before sending orders: All Bulbs, Seeds and Plants of mailable size, named in the Catalogue, are sent by mail, POSTAGE PAID, to any part of the United States, or to the boundary line, if to a foreign country, at the prices quoted, with the extra addition named in slip headed "Increased rates of Postage;" but, owing to the great care observed in PACKING PLANTS, WE CANNOT ACCEPT ORDERS FOR THESE OF LESS AMOUNT THAN \$1.00. In every plant order amounting to TWO DOLLARS AND UPWARDS, selected at Catalogue prices, and which is to be forwarded by Express, WE ADD WITHOUT COST sufficient stock to compensate, usually in full and more, for all transportation charges, neither do we make any charge for BASKETS, BOXES OR PACKING on orders of this amount, except in special cases, which are designated. Plants, Bulbs, Pots, Ironware, etc., can be packed together.

How to Remit.—Always send Postoffice orders when possible, as they are safe and convenient, or drafts on New York City, but do not send checks or drafts on local banks in your section, as we cannot get these cashed without annoyance and extra expense; when neither Postoffice orders or drafts on New York can be obtained, send the money in a registered letter, which is a safe means, and they can be procured at any Postoffice in the United States; upon these place eight cents in stamps, besides the regular postage. Every Postmaster is required to register a letter when requested. Money can be sent by the Express Companies with safety.

When ordering, be sure to give NAME, TOWN, COUNTY AND STATE in full, and your street number in cities if your mail is delivered by carriers: where there is no delivery by carriers, if you have a Postoffice box send the number. Address all communications plainly to

LONG BROTHERS,

BUFFALO, N. Y.

* List of contents and full description of, with extracts from, the Home Florist, also notices of the press and people, will be mailed free to all applicants.

BULBS FOR FALL PLANTING.

We are pleased to announce that, while the quality of the Hardy Bulbs we offer the present season is uniform in every respect with those which have in past seasons proved so entirely satisfactory to our customers, we are enabled to make a small reduction in prices of many varieties offered. Our Bulbs are imported direct from tried and reliable old Bulb nurseries in Holland, the selections consisting of the best quality only, and such as we believe are fully suited to the requirements of our trade. Every article is guaranteed, with fair treatment, to give satisfaction, and prove true to name and color.

The Season of Planting Hardy Bulbs, with directions, etc.— In the open ground, planting may take place at any time during the months of September, October and November, or even later, provided the ground remains unfrozen later, which is sometimes, although very rarely, the case. To be entirely safe it is best, perhaps, not to defer the work much after October. Bulbs will succeed in any good garden soil; in order, however, to secure the highest degree of success in their culture, it is necessary to plant in a soil that is well drained and enriched with thoroughly decayed manure. The distance and depth of planting varies with the kinds. Tulips should be planted five or six inches apart and about five inches deep, giving the late varieties even a little more distance. Small Bulbs such as Crocus, Snowdrops, etc., do not require more than two or three inches space each, and a covering of several inches is ample. Hyacinths may be planted six or eight inches apart, and Crown Imperials, Lilliums, etc., thrive best with at least a foot of space. These may be planted the same depth as the Tulip. Planting the Snowdrops in clumps, one or more feet across, produces the finest effect with these earliest of early spring flowers. When all plantings have been completed, and before winter sets in, cover the beds with several inches of leaves, straw or other coarse litter, to prevent the severe action of freezing from injuring the Bulbs. In situations much exposed to the wind, a few brush or sticks thrown on will prevent its being blown off. Early in the spring this fall covering should be removed. Where beds planted with hardy spring-flowering Bulbs are required for summer flowers, Hyacinths, Tulips, etc., may safely be taken up to prepare for planting the subsequent fall, as early as two weeks after the flowers have disappeared, provided the precaution of covering the Bulbs with soil, to allow the foliage to become gradually ripened, is observed. Crocus, Snowdrops and also Lilliums should be planted where they need not be removed annually, for, unlike Hyacinths, Tulips and some other Bulbs, they improve by remaining undisturbed for several years in succession.

Culture of the Hardy Bulbs in Glasses, Pots, etc., for Winter Decoration.— Taking advantage of the peculiarity of Hardy Bulbs to grow and flower freely in any medium capable of retaining moisture, we find it easy, with a little forethought, to have a profusion of bloom in the house or conservatory during winter, and the presence of their brilliant colors among the various pot plants should be sought by amateurs for adding to the attractiveness of their winter collections. Whether Bulbs are grown in glasses of water or in pots, vases or other articles, they should, in either case, to make a complete success of the undertaking, be removed after planting to a cellar or any cool, dark place, here to remain six or eight weeks for the purpose of causing a growth of roots before the leaves and flower stem start into growth. From this place they can be brought directly into the parlor or conservatory where they are to flower. The difference of a week or two between the periods of starting will produce a corresponding difference in the periods of bloom. When growing Hyacinths or Crocus in the glasses made for the purpose, it is necessary to see that the base of the Bulb, only, touches the water; also, after admitting to the light, the water should be changed occasionally. In pot, box or vase culture, Bulbs should be planted one-third or one-half their heights in the soil or other material employed, moderately pressing the same around the Bulb and applying water sufficient to soak thoroughly before placing it in the dark quarters above alluded to. Bulbous plants of any kind should never be allowed to suffer for lack of water while in a growing state. A very good course to pursue in managing Bulbs in glasses, is by first starting them in clean sand in some cool place, and after they have become well rooted, transferring them to the glasses, first washing all sand from the roots. Dark colored glasses are preferable to clear ones for Bulb culture. Any attempt at forcing the Hardy Bulbs will be quite certain of being attended with successful results, only take care the temperature be not too high where they are to flower. The flowers will develop most beautifully in a rather cool place, where the thermometer, however, never reaches freezing point, for, though a slight freeze will not destroy them, it will lessen the beauty of the flowers.

SPLENDID NAMED HYACINTHS.

DOUBLE RED. Various Shades.

	Each.		Each.
Acteur, dark rose, large bells,	\$0 20	Lord Wellington, large delicate rose,	\$0 35
Allid Catharina, satin rose, green tips,	20	Maria Louise, dark red, large bells,	30
Bouquet Royal, light rose, dark eye,	25	Neerlands Glorie, red and green, fine,	25
Bouquet Tendre, dark red,	25	Panorama, dark rose, very fine spike, extra	20
Cœur Fidele, deep rose, purple eye,	25	Princess Royal, rose, purple center,	25
Czar Nicholas, bright rose, very fine,	25	Regina Victoria, salmon rose, large,	25
Dieblitz Snabalkansky, brilliant red,	75	Sir J. Paxton, deep red with green tips,	25
Grootvorst, delicate blush, fine,	15	William II., early, dark rose,	25
Lord Castlereagh, light rose,	20		

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DOUBLE BLUE. Various Shades.

	Each.	Each.	
Albion , dark purplish blue,.....	\$0 30	La Fontaine , light porcelain blue,.....	\$0 25
A la Mode , light blue, early, extra,.....	25	Lord Wellington , porcelain, lilac-striped,.....	25
Bloksberg , porcelain blue, fine,.....	25	Madame Marmont , extra fine, light blue,.....	40
Gen. Antinck , dark porcelain, lilac shade,.....	25	Murillo , light porcelain blue, extra,.....	30
King of the Netherlands , large blue,.....	25	Pasquin , light blue, striped,.....	25
Laurens Koster , bright purple, extra large and fine,.....	35	Passetont , early, light blue,.....	30
		Prince Frederic , beautiful dark lilac,.....	30

DOUBLE WHITE. Various Shades.

	Each.	Each.	
A la Mode , pink eye, good truss, extra,.....	\$0 25	Mathilda , white and red, early,.....	\$0 30
Anna Maria , purple center,.....	25	Miss Kitty , violet eye, large bells,.....	30
Bacchus , pure white, with yellow,.....	25	Ne Plus Ultra , purple eye, large bells,.....	25
Jenny Lind , early, white and purple,.....	25	Prince of Waterloo , pure white, large, very double, beautiful spike,.....	35
La T. d'Auvergne , early, pure white,.....	35		
La Virginite , rosy blush center, extra,.....	20	Virgo , blush white, good truss,.....	25

DOUBLE YELLOW. Various Shades.

	Each.	Each.	
Bouquet de Orange , pinkish yellow,.....	\$0 30	Jaune Supreme , deep yellow, extra,.....	\$0 40
Goethe , sulphur yellow,.....	25	Petit Hein , pale yellow,.....	30

SINGLE RED. Various Shades.

	Each.	Each.	
Agnes , dark red, extra fine bells,.....	\$0 25	Mad. de Mentenen , dark rose,.....	\$0 25
Amy , deep crimson, very fine truss,.....	20	Mars , fine deep red, green tips,.....	25
Belle Quirine , pale flesh, striped,.....	25	Mons. de Feasch , large red,.....	25
Diebitz Sabulkowsky , brilliant red,.....	25	Norma , pink, large bells,.....	30
'Gigantha', rose color, very large bells,.....	25	Sultans Favorite , beautiful rose,.....	25
Homerus , fine red, good truss,.....	30	Temple vnu Apollo , pale rose, large,.....	20
L'Ami du Coeur , bright red, good truss,.....	20	Tuba flora , rose color, large and fine,.....	30
Lord Gray , fine rose,.....	25	Veronica , extra dark red, very fine,.....	25
Mad. Hodson , pink, striped deep red,.....	20		

SINGLE BLUE. Various Shades.

	Each.	Each.	
Argus , beautiful blue, with white eye,.....	\$0 30	L'Ami du Coeur , violet blue, good truss,.....	\$0 25
Baron von Tuyll , violet blue, large,.....	25	Mimosa , dark purple, fine spike,.....	25
Belle Africane , early, dark blue,.....	25	Nimrod , beautiful light blue,.....	30
Blue Mourant , dark blue, very distinct, extra fine,.....	25	Porcelain Sceptre , porcelain blue,.....	25
Emileus , blue, with white center,.....	25	Prince of Prussia , black, large spike,.....	30
Grand Lilie , beautiful silvery lilac,.....	25	Prince of Saxe Weimar , dark shaded blue,.....	25
Grand Vedette , delicate azure blue, extra,.....	30	Regulus , porcelain blue, shaded white,.....	30
		Uncle Tom , dark blue and white,.....	30

SINGLE WHITE. Various Shades.

	Each.	Each.	
Blanchard , large, compact truss,.....	\$0 30	Pigeon , pure white,.....	\$0 25
Cleopatra , very fine white, rose tint,.....	25	Queen Victoria , waxy white, extra,.....	25
Elsfrida , rosy white, large,.....	25	Rosenni , rosy white, low,.....	25
Grand Vanquelle , pure white,.....	25	Semiramis , creamy white,.....	25
Grandeure a Merveille , rosy white,.....	30	Statue General , pure white,.....	25
La Pucelle d'Orleans , good spike,.....	25	Voltaire , extra pale blush, choice,.....	20
La Candeur , snow white,.....	25	Vesta , rosy white, tall,.....	25
Madame Talleyrand , white, fine form,.....	25		

SINGLE YELLOW.

	Each.	Each.	
Alida Jacoba , deep canary yellow,.....	\$0 25	King of Holland , orange yellow,.....	\$0 25
Fleur d'or , pure yellow,.....	20	La Pluie d'or , pale yellow,.....	20
Heroline , light yellow, tipped with green,.....	25		

SINGLE VIOLET AND PURPLE.

	Each.		Each.
Honneur d'Overneen, dark purple,	\$0 75	L. Unique, dark violet,.....	\$0 25
Lord Cowley, light purple,.....	50		

UNNAMED HYACINTHS.

We find that our importations of unnamed and mixed Hyacinths give great satisfaction to buyers, as their quality is scarcely inferior to the named varieties, either for forcing or garden culture, and the prices are considerably less.

FOR GARDEN CULTURE.

	Each.	Per doz.		Each.	Per doz.
Double Red, mixed,.....	.12c.	\$1 25	Single Red, mixed,.....	.12c.	\$1 25
" Blue, mixed, .....	.15	1 50	" Blue, mixed, .....	.15	1 50
" White, mixed, .....	.15	1 50	" White, mixed, .....	.15	1 50
" Yellow, mixed,.....	.15	1 50	" Yellow, mixed, .....	.15	1 50
" all colors, mixed,.....	.12	1 25	" all colors, mixed, .....	.12	1 25

FOR FORCING IN POTS, ETC.

	Each.	Per doz.		Each.	Per doz.
Double Red, mixed,.....	.15c.	\$1 40	Single Red, mixed,.....	.15c.	\$1 40
" Blue, mixed, .....	.20	1 75	" Blue, mixed, .....	.15	1 50
" White, mixed, .....	.20	1 75	" White, mixed, .....	.20	1 75
" all colors, mixed, .....	.15	1 50	" all colors, mixed, .....	.15	1 40

FINE NAMED TULIPS.

EARLY FLOWERING SINGLE.

	Each.		Each.
Aigle Blanc, white,	\$0 08	Duc van Thol red, 50c. per doz.,.....	\$0 06
Berchem, violet, purple and rose,.....	25	Duchess de Parma, red, edged yellow, 60c. per doz.,	05
Canari Vogel, rich yellow,.....	10	Fredericus Rex, rose, white striped,	06
Couleur Poncneau, purple shaded violet,	06	La Reine, beautiful rosy white,.....	05
Duc de Orange, red and yellow,.....	06	Monument, red and white,.....	08
Duc van Thol scarlet, 75c. per doz.,.....	06	Poitevinkker White, pure white,.....	08
Duc van Thol yellow, \$1.50 per doz.,.....	15	Purple Crown, purplish crimson,.....	06
Duc van Thol rose, \$1.00 per doz.,.....	10	Roi Pepin, extra fine red and white,.....	35
Duc van Thol golden variegated, \$1.00 per doz.,.....	10	Vermillion Brillant, glittering red,.....	26

Mixture of splendid varieties (unnamed) 5 cents each ; 50 cents per dozen.

PARROT AND LATE FLOWERING SHOW TULIPS.

Bizzaires (yellow ground), extra, mixed, 60 cents per doz.,.....	\$0 08
Byblooms (white ground), extra, mixed, \$1.00 per doz.,.....	10
Parrot Tulip, mixed, 50 cts. per doz.,.....	06
Parrot Tulip red, 75 cts. per doz.,.....	08
Parrot Tulip yellow, 85 cts. per doz.,.....	10
Parrot Tulip red and yellow, 85 cts. per doz.,.....	10

DOUBLE FLOWERING TULIPS.

	Each.		Each.
Blanc Bord, violet, purple.....	\$0 06	Mariage de ma Fille, pure white, striped with rose, large, late, extra,.....	\$0 15
Belle Alliance, red and white striped,	08	Peony Gold, yellow and red, early, extra,.....	05
Couronne des Roses, rose,.....	12	Peony Dark Red, early, fine,.....	05
Duc van Thol, red and yellow,.....	05	Purple Crown, velvety crimson, early,.....	05
Duke of York, purple and white, large,	05	Rex Rubrorum, fine scarlet, early,	05
Grand Alexandre, red striped,	05	Rosine, rosy,.....	05
Gloria Solus, bronze, orange and crimson, early,	05	Tournsol, scarlet margined rose,.....	08
La Candeur, pure white, very fine,.....	08	Tournsol, yellow,.....	12
Le Balson, rose and white,	12	Yellow Rose, bright yellow,.....	05

Mixture of splendid varieties (unnamed) 6 cents each ; 60 cents per dozen.

CROCUS.

	Per doz.	Per 100.		Per doz.	Per 100.
Albion, large, striped white and blue, . . . . .	.25c.	\$2 00	Large Blue, . . . . .	.15c.	\$1 50
Blanch Fleur, white, . . . . .	.25c.	2 00	Large White, . . . . .	.15c.	1 50
David Rizzio, blue, . . . . .	.25c.	2 00	Large Striped, . . . . .	.15c.	1 50
Large Yellow, . . . . .	.15c.	1 50	Mixed in all colors, . . . . .	.12c.	1 25

NARCISSUS.

POLYANTHES NARCISSUS.

	Each.	Each.	
Bazelma major, fine white,	\$0 50	Grand Soleil d'or, yellow,	\$0 10
Bazelma minor, smaller flowers, fine cluster,	15	Gloriosa Superbum, white with orange,	15
Grand Primo, white,	12	Roman, double yellow,	12
Grand Monarque, white and citron,	12	Mixture of varieties (unnamed),	10

DOUBLE NARCISSUS.

	Each.	Each.	
Alba Plena Odorata, white, fragrant,	\$0 08	Sulphur Phoenix,	\$0 10
Incomparable, fine light yellow,	06	Van Sihon (Yellow Daffodil),	05
Orange Phoenix, orange and lemon,	10		

SINGLE NARCISSUS.

	Each.	Each.
Campnepetal (Great Jonquil) yellow, fragrant, 50c. per doz.,		\$0 05
Poeticus, pure white, cup edged with red, beautiful, 50c. per doz.,		05
Trumpet Minor, .75c. per doz.,		08

JONQUILS.

Single, 5c. each; 50c. per doz.

| Double, 40c. each; \$4.00 per doz.

IRIS.

	Per doz.	Per doz.	
English, mixed, 6c. each,	\$0 60	Spanish, 3c. each,	\$0 25
Pavonia (Peacock Iris), 10c. each,	1 00	Tuberosa, 12c. each,	1 25
Persica, dwarf Persian, 10c. each,	1 00		

AMARYLLIS.

	Each.	Each.	
Formosissima, velvety crimson,	\$0 40	Longiflora rosea, rose, long leaves,	\$0 35
Johnsonii, large deep scarlet, with white stripe on each petal,	2 50	Longiflora alba, white,	60
		Purpurea (Vallota Purpurea), scarlet,	1 00

JAPAN LILIES. (Ready in October.)

	Each.
Lilium Auratum, The golden rayed Lily of Japan,	\$0 50
" Lancifolium Album, pure white,	35
" " Roseum, rose spotted,	30
" " Rubrum, crimson spotted,	25
" Longiflorum, large, snow-white, trumpet-shaped flower, excellent for forcing,	25
" Ondiduum, the well-known White Lily,	20
" Tigrinum (Tiger Lily), orange red spotted black,	15

MISCELLANEOUS BULBS.

ANEJONES.—Double, mixed, 50 cents per dozen, 5 cents each; Single, scarlet and single mixed, 50 cents per dozen, 5 cents each.

CROWN IMPERIALS.—Large Double Red, \$1.25 each; Single, mixed, 25 cents each.

DICENTRA SPECTABILIS.—(LOVE LIES BLEEDING), ready in October, 25 cents each.

IXIAS.—Mixed Varieties, 10 cents each.

LILY OF THE VALLEY (*Convallaria Majalis*).—Large clumps, 50 cents each.

MADEIRA VINE.—10 cents each.

OXALIS.—Mixed Varieties, 5 cents each.

SCILLA.—Amoenia, price 10 cents each; Campanulata, price 10 cents each.

THE SNOWDROP.—Single Snowdrop, 25 cents per dozen, \$1.75 per hundred; Double Snowdrop, 50 cents per dozen, \$4.00 per hundred.

FLOWERING AND ORNAMENTAL PLANTS
SUITABLE FOR POT CULTURE IN
FALL, WINTER AND SPRING
IN THE WINDOW AND CONSERVATORY.

A * preceding any variety or price signifies that plants of such varieties can only be forwarded by express, being too large for mailing. Please note the low prices at which we offer stock at this season.

Abutilon, Mesopotamicum, flowers scarlet yellow ; of straggling, drooping growth. **Mesopotamicum variegatum**, one of the most beautiful plants we grow. Leaves lance-shaped ; variegated and marbled with yellow upon deep green in a pleasing manner. **Strintum (FLOWERING MAPLE)**. Admirably adapted to pot culture. The flowers are about three inches in length, and are orange, distinctly striped and netted with scarlet ; foliage has the maple leaf shape, is clear and beautiful. **Thompsonii**, similar to the above, excepting that the leaves are distinctly variegated, mottled and marbled with bright yellow on dark green ground. This variety is one of our most valuable showy bedding and pot plants. **Santana alba**, a free growing variety, with large white flowers ; of dwarf stocky habit. All 20 cents each : \$2.00 per dozen.

Achryanthus, Aureus reticulatus. The leaves of this variety are light green netted with golden yellow, and splashed with crimson ; a beautiful plant. **Gilsonii**, leaves striped with various shades of carmine, the stems of a deep shade of pink ; growth dense and compact. **Lindenii**, an upright, dwarf grower, about one foot high, completely branched from the root. Leaves narrow lanceolate, of a deep, blood red color, reflecting varying tints of red and purple. All 15 cents each : \$2 per dozen.

Ageratum Mexicanum, an old, but indispensable, pot and border plant, of free flowering habit. The flowers are lavender blue ; should be in every collection. **Mexicanum variegatum**. Much like the above, except in the color of the leaves, which are variegated yellow and green. 15 cents each.

* **Agave Americana variegata**, striped leaf Century Plant. 75 cents each.

Alyssum Sweet. Exceedingly ornamental, aside of its many white sweet scented flowers ; drooper, valuable for pot culture in winter. 20 cents each.

Auguba Japonica (Gold Dust Star). Leaves deep green, blotched or speckled golden yellow. 30 cents each.

* **Azaleas and Camellias**. Price, for flowering plants, \$1.00 and upwards.

Begonia. The Begonias, from their having, mostly, thick succulent leaves, are admirably adapted to house culture in winter, as they bear the conditions of heat, light, etc., usually existing in our dwellings, remarkably well, being equal, in this respect, to any plant with which we are acquainted, excepting, perhaps, the Ivy. Also of great value for conservatory culture. Some varieties are unequalled for Wardian Cases. **Argyrostigma Veltchii**, leaves long and smooth, of medium size and light green color, thickly covered with small, clear, silvery markings ; underside, of a crimson color. **Hybrida multiflora**, a remarkably neat and free flowering variety, with small, ovate, glossy leaves, and rosy pink blossoms ; excellent. **Saundersoni** (CORAL BEGONIA), one of the best flowering Begonias ; the flowers are of a scarlet shade of crimson, borne in profusion during the winter months and throughout nearly the entire year ; leaves slightly edged with scarlet. **Weltoniensis**. Comparatively new ; of great value for spring and summer bloom. The plant is exceedingly attractive and produces an immense profusion of beautiful pink buds and flowers. **Zebrina**, thick leathery elongated leaves, of deep green color, striped with silvery marks, the underside being of dark crimson and red colors ; easily grown, and exceedingly handsome either for pot culture or the Wardian Case. All 25 cents each.

* **Bouvardia**. Large plants of this valuable free flowering winter bloomer, in excellent condition, 50 cents each, of either **Davidsonii**, pure white ; **Elegans**, vermillion red, or **Leinweberi**, scarlet. We force these largely. Mailable plants of **B. Jasminoides**, pure white, 25 cents each.

Calla. Mailable plants of either the dwarf or large growing varieties, 25 cents each, larger plants (*) at rom 40 cents to \$1.00 each.

Carnations. Our stock of these valuable winter flowering plants is large and grown with especial reference to suitable development for flowering in the house or conservatory. The following varieties we find, by extensive experience, to be best for this purpose : **Edwardsii**, large white, slightly shaded with rose ; a strong grower. **La Purity**, rich carmine ; very free bloomer. **President Degrau**, pure white, large floret ; the best white for general purposes. * Strong branched plants, 50 cents each ; \$5.00 per dozen.

Cactus. Numerous desirable varieties. 30 cents each.

Cereus Grandiflora (NIGHT BLOOMING CEREUS). 50 cents each.

Chorozema Elegans. A plant flowering freely in any cool place during winter. Yellow crimson, pea-shaped flowers ; holly-shaped leaves. 30 cents each.

Chrysanthemums. Strong plants of this desirable free, fall flowering family, in five and six-inch pots, of all the leading varieties described in our Spring Catalogue. 40 cents each.

Cytisus Racemosus. 30 cents each.

Coleus Verschaffeltii. Leaves rich, velvety, crimson; excellent for culture in a warm room. 20 cents each.

Cuphen, Platycentra (CIGAR PLANT). A useful, free flowering and shrub-like plant. The flowers are uniformly of a bright scarlet color, tipped at their opening with pure white and jet black. It is almost constantly in bloom, under any fair circumstances. 15 cents each. **Hyssopifolia,** of recent introduction; leaves small, dark and glossy; flowers bright lilac produced very freely and almost constantly. 25 cents each.

* **Cyclamen Persicum.** Large plants. 75 cents each.

Deutzia Gracilis, a white flowering Hardy Shrub; excellent for forcing in winter. * Four-inch pot plants, 35 cents each.

* **Dicentra Spectabilis.** Easily forced and very beautiful. Strong plants in October. 25 cents each.

Euonymus Aurea variegata and **Radicans variegata**, are nearly alike, except in their colors. The leaves of the former are a rich golden yellow on green; and in **Radicans var.** bright pea green, margined with white, both having a striking and pretty appearance, rarely to be found; excellent in ferneries. 20 cents.

Eupatorium. The flowers of the different varieties are all white and nearly alike in appearance. **Riparium** is the earliest to flower, **Salicifolius** (very pure white) next, and **Elegans**, latest, the three varieties affording a succession of bloom during the winter. Small plants (will flower slightly) 15 cents each. Large strong plants (*) 50 cents each.

Winter Flowering Fuchsia. **Speciosa**, a well known variety, with large bluish flowers, with crimson corolla. Single plants of this variety grown in large pots will produce from 300 to 500 flowers from December to May. Two sizes. 25 and 35 cents each. **Curl Hall,** a magnificent and distinct variety; the flowers are large; tube and sepals, white; corolla, striped in clear colors of white and red. Not equal to above for large numbers of flowers in winter, but it is one of the finest spring flowering varieties known. 35 cents each.

Geraniums. We can furnish young thrifty plants of over 80 varieties of this family. For list of varieties see Spring Catalogue. Our stock of the genuine **Rose Geranium** is large, and we can furnish mailable plants at 15 cents each, or larger ones for express at 20 to 50 cents each. Others furnished at Spring prices.

Germann, or Parlor Ivy (Senecio Mikaneides), one of our most rapid growing climbers, always healthy, beautiful and attractive, with light green Ivy-shaped leaves. 10 cents each.

Hoya Carnosa (WAX PLANT). Price 30 cents each.

Hydrangea, Hortensis, 20 cents each. Hortensis variegata, 40 cents each.

Ivies. No class of plants in cultivation are as likely to do well with everybody, and under as greatly varying circumstances, as will the Ivies. The plants are not at all particular as regards much light or little light in the room, will thrive in either a dry or damp atmosphere, in high or low temperature; are easy to keep clean of insects, and will on the whole present a good appearance under circumstances sufficiently adverse to kill most other plants outright. We can furnish plants of all the varieties described in Spring Catalogue at prices therein given. We have a stock of extra large sized English Ivies about 4 feet high, well branched, that we can furnish only by Express at 75 cents and \$1.00 each, according to size. Mailable plants of English Ivy, 20 cents apiece.

Lobelia erinus Grandis. Should be in every collection. Price 15 cents each. **New Double Lobelia,** very free flowering, of a delightful blue color, and perfectly double; very desirable. Price 30 cents each.

Jasminum Grandiflorum. Esteemed for the fragrance of its pure white flowers. The plant is of climbing habit and is excellent for pot cultivation and winter flowering. 25 cents each.

Libonitis Floribunda. A neat plant of easy culture, blooming freely in winter. Price 25 cents each.

Hellotrope is an important winter flowering plant for the conservatory, but not so easily grown in the window. The flowers, which are produced freely, are prized for their attractive light violet color—a color rare among choice winter flowers—but, above all, for the delicious, vanilla-like scented odor emitted, which has given it a reputation above every other fragrant flowering plant that can be managed to be productive at all times of the year. Strong plants in four-inch pots (*), well established for winter flowering, 40 cents each. Smaller plants (mailable), 20 cents each.

Madeira Vine. Valuable winter climber. 10 cents each.

Mignonette. Three-inch pot plants. 20 cents each.

Honeyvine. A well known pot plant and drooper. 10 cents each.

Passiflora (PASSION FLOWER). A family of climbers that are remarkably well adapted to window and conservatory culture. **Cerulea,** flowers cerulean blue; mailable plants 25 cents each. **Trifasciata,** tri-lobed leaves of dark green color, and having a conspicuous, irregularly defined band of rose and light green running through each lobe; mailable plants 30 cents each. **Alnita,** large oblong leaves of a rich green color; mailable plants 30 cents each. Strong plants in 4-inch pots, of either variety, by express 50 cents each.

Penny Seedlings. After September 20th we will be prepared to furnish small, vigorous seedlings grown from own saving of seed, at 25 cents per dozen, \$1.50 per hundred.

Primrose, Double White Chinene. This is a most valuable, prolific, double white winter flowering plant, growing less than a foot high. It is productive to an astonishing degree, plants of ordinary size yielding five hundred flowers from November until April. 75 cents each.

Roses. An extended experience in growing Roses for buds and flowers in winter has taught us that the following are the best and most profitable varieties for the purpose. **Safrano,** a Tea-scented Rose of lovely color, consisting of a blending of rich apricot and saffron yellow tints, extra. **Bon Silene,** bright, purplish carmine Tea Rose; very attractive and sweet. **Agrippina,** bright crimson color. **Lamarka,** very fragrant white, free flowering Rose, belonging to the Noisette class; although well adapted to house culture if properly pruned, it finds more suitable accommodations for its strong climbing growth in the conservatory, where it may be planted permanently for training to the rafters. **Isabella Sprunt,** canary yellow; beautiful large buds; very sweet tea-fragrance. **Hermosa,** an old but excellent Rose; clear rose color; double and fragrant. Strong,

well branched plants of the above, expressly prepared for winter blooming, in 4 or 5-inch pots (not mailable), 50 cents each. Small mailable plants 25 cents each; five plants for \$1.00.

Saxifraga Sarmentosa (STRAWBERRY GERANIUM), a running strawberry-like plant of interesting growth, with striped and mottled foliage. 15 cents each.

Smilax (Myrsiphyllum Asparagooides). One of the finest climbing plants for the window and conservatory, but particularly for the latter, in cultivation, being esteemed for the exceeding grace and delicacy of the vine, and its beautiful glossy green foliage. Price 25 cents each.

* **Solanum Pseudo-Capsicum** (JERUSALEM CHERRY), a pretty plant with dark green foliage and many bright red berries during fall and early winter. Plants strong in growth and fruit, 35 cents each. **Pseudo-Capsicum, fol. var.**, is a beautiful variegated variety of the above. Mailable plants 35 cents each.

Stevia, Compacta, an early flowering variety of these easily grown winter blooming plants, with very compact large heads of beautiful pure white flowers; continues in flower nearly all winter. **Serrata**, a free-flowering variety, blooming most freely about the holidays. The flowers are pure white and arranged loosely along the stem; both varieties are largely cultivated by all florists. Small plants of either variety (will flower some) 20 cents each. Strong plants (*) 50 cents each.

Variegated Sweet Alyssum, a pretty variegated drooper, with white predominating over the green, and also producing white sweet scented flowers.

Tradescanthia (WANDERING JEW), well known plants, of the easiest culture in the dwelling, and useful for cultivating in Wardian Cases. **Vulgaris**, green leaves. **Repens Vitellina**, leaves variegated white and green, exceedingly pretty. **Zebrina**, red and green variegated leaves. All 10 cents each.

Vinca major variegata, an attractive drooping pot plant, the leaves of which are from one to two inches in diameter, and distinctly variegated green and white.

* **Violier, Sweet-scented Nenopolitan**, a plant extensively forced in winter for its beautiful fragrant double flowers. Strong plants, grown especially for winter flowering, 40 cents each.

PLANTS SUITABLE FOR CULTIVATION IN WARDIAN CASES or FERNERIES.

Could every amateur who cultivates a variety of plants in the house, in winter, realize the genuine advantage the Wardian Case principle of cultivating plants possesses, this appliance, in some form or another, would be much more generally employed. The case or cover should consist of a glass shade, such as can be procured at crockery and glassware stores, or one composed of panes of glass set in a frame work of metal or wood, and in either case, of sufficient height, say nine inches and upwards, to accommodate the growth of the plants. It should be made to fit quite close to the receptacle in which the plants are planted, and will then secure for them a moist atmosphere, free from dust and congenial to the growth of many plants, by occasionally ventilating it, no matter how dry the air in the room may be. It is well known that dryness of the air and dust are the most detrimental influences which are met in plant culture in the house in winter. The plants in the following list being such as delight in moisture and shade, and also the Hyacinth, Tulip, etc., are peculiarly adapted to culture under a glass case. Many other kinds, including such as are especially grown for their flowers, can also be introduced, but these require a greater degree of light and more air, and are, ordinarily, not considered so desirable. We can furnish glass shades by express at \$2.00 each for 8½-inch size (diameter), and \$3.00 each for the 10-inch size; no extra charge for packing, which will be done in the most careful manner by packers of great experience. Their safe arrival is at the risk of the person to whom shipped. We can also furnish bases, for holding the soil for the plants, of terra cotta ware, for either of the above-sized shades, at the prices we ask for the shades respectively. Several square ones are described under head of "Miscellaneous Goods."

Achryanthus Gilsonii. All the varieties of this family which we describe on page 7 are well adapted to cultivation in the plant case, but *Gilsonii* is the most attractive for the purpose.

Begonia. The following varieties of Begonia are among the very best of plants for growing under a glass case. **Argyrostigma Veitchii**, description and price given on page 7. **Saundersoni**, description and price given on page 7. **Silver Medal.** This variety, belonging to the showy large leaf section, is unequalled among its kind for this purpose, or for pot culture. The plant is of vigorous, compact growth, and, unlike other showy leaf Begonias, can easily be propagated by division. The leaves are medium in size, averaging about four inches long and three wide; the ground color is silvery white, with slight markings of deep green along the ribs, but only near the center and near the edge of the leaf. 30 cents each. **Zebrina**, description and price given on page 7.

Centradenia Grandiflora, elegant, elongated, narrow, green and crimson colored foliage, of changeable hue. **Rosea**, small fine leaves, of pretty form and color. 25 cents each. (*) Strong plants, 40 cents each.

Coccloba Platyclada. A pot, or case plant, having a singular fern-like, angular and attractive growth. 20 cents each. Strong 4-inch pot plants, not mailable, 40 cents each.

Dracena. A family possessing great merit for Wardian Case planting. The leaves somewhat resemble in form those of Indian corn, except that they are shorter and more stiff, with colors ranging from various shades of green to bright crimson and pink, striped with dark green. 50 cents to (*) \$1.50 each.

Eranthemum. A family of plants with elegant variegated leaves. Price 30 cents each.

Euonymus. Very desirable for the plant case as well as for pot culture. See page 8.

Ferns. We are prepared to furnish numerous varieties of this family, all of which are noted for their perfect adaptability to culture under a glass case. Mailable plants 25 cents each; magnificent large plants (*), 75 cents to \$1.25 each.

Gymnostachy. Plants of great beauty and desirability. The veins of the leaves are pink, and the other portion green. 25 cents each.

Lycopodium (Selaginella). The various varieties of this family are, like the Ferns, perfectly adapted to cultivation in the Wardian Case; and with their being more free growing than the Ferns, besides of spreading habit, and, withal, more easy to manage outside of the plant case, and easier to propagate, we are inclined to consider them the most useful class of plants for this purpose with which we are acquainted. Most of the varieties can be readily propagated by division, which peculiarity admits of their being divided and planted, in some numbers, promiscuously among other plants in a case, or as an edge, as each small portion of plant with some root will grow. The foliage is delicately cut, somewhat fern-like, and of a bright green color. With being light and graceful the plant interferes but little with the growth of other plants, and adds a degree of elegance to a collection, unattainable with any other growth; also handsome for pot culture, if shade and moisture are provided. **Denticulatum**, easily grown and propagated, yet one of the most pleasing and delicate varieties, being of dense spreading habit. We place it at the head of the list in point of general usefulness. 25 cents each. **Martensii**, neat, compact, upright habit, of quite strong growth. 25 cents each. **Martensii variegata**, like the preceding, with the addition of being somewhat variegated with pure white. 25 cents each. **Cœsicum**, bluish green. 25 cents each. **Lepidophyllum**, handsome, but of slow growth. 25 cents each. **Wildenowii**, an upright grower of great beauty. 40 cents each.

Marcantia Pulchella, elongated, smooth and striped leaves; very handsome. 50 cents each.

Pepperomia Maculosa, a very useful and elegant plant, of compact growth, for the Wardian Case. The leaves are almost round, from one to three inches in diameter, and are beautifully striped with green and silver color. Considered indispensable by many. 25 cents each.

Pilea Serpifolia, a very pretty plant of easy culture, with graceful frond-like leaves. 25 cents each.

Tradescanthias. These plants are quite useful in the Wardian Case; descriptions and prices on page 9.

SEEDS FOR AUTUMN SOWING

IN THE GREENHOUSE, WINDOW AND OPEN GROUND.

	Per pkt.		Per pkt.
Alyssum, Sweet,	5	Lychis Hangerana,	15
Antirrhinum (SNAP DRAGON),	5	Maurandya Barclayana, mixed,	10
Aquilegia, mixed, double and single,	5	Mignonette,	5
Calceolaria Hybrida minor, mixed,	50	Mimulus Tigrinus,	10
" " Grandiflora, mixed,	50	" " Moschatus (MUSK PLANT),	10
Campanula (CANTERBURY BELLS), mixed,	5	Myosotis Alpestris (FORGET-ME-NOT) white,	10
Candytuft, White,	5	Nemophilæ, mixed colors,	5
Carnation, double,	25	Pansy, of superior quality, saved on our own grounds from selected plants, mixed,	15
Cineraria Hybrida, choice mixed,	50	Perennial Pea, mixed varieties,	15
" " very dwarf,	50	Perennial Poppy,	10
Clarkia, mixed,	5	Portulaca, on sandy soil, mixed colors,	5
Cobaea Scandens, excellent house climber,	10	Primula Siensis fimbriata, white,	50
Cyclamen Persicum, mixed varieties,	50	" " " " red,	50
Dianthus Chinensis, mixed varieties,	5	" " " " mixed,	50
" Hedgewigii Dendematus fl. pl. (DIADEM PINK),	20	" " " " filiifolia,	50
" Hedgewigii und Iacintus, each, mixed,	10	Scabiosa (MOURNING BRIDE), mixed,	5
Digitalis (Fox Glove), mixed,	5	Smilax,	50
Gloxinia Hybrida, best quality,	50	Stock, Ten Weeks, mixed colors,	15
Hollyhock, double, mixed colors,	10	" " " " pure white,	15
" " Chinese dwarf, mixed,	10	" Brompton,	20
Larkspur Rocket and Stock-flowered, each,	5	Sweet Pea, mixed colors,	5
" " Perennial (Formosum),	5	Sweet William, finest double,	10
Lychis Chaleondonica,	5	" " " " finest single,	5
		Wall Flower, double and single mixed,	10

OUR EIGHTH ANNUAL SPRING CATALOGUE, FOR 1876,

Will be issued near January 1st next, and will be sent to all customers of this year, without their applying for it.

LONG BROTHERS, Buffalo, N. Y.

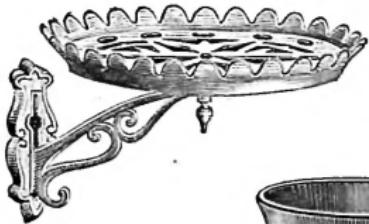


Fig. 1.



Fig. 2.

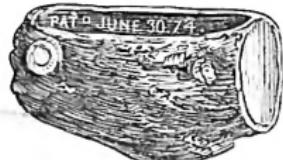


Fig. 4.



Fig. 5.



Fig. 6.



Fig. 7.

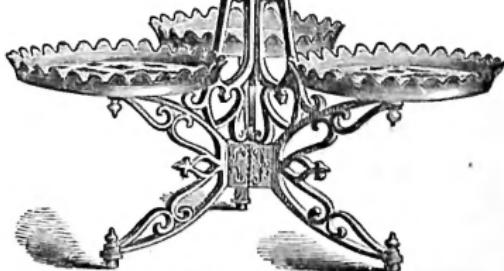


Fig. 3.

MISCELLANEOUS ARTICLES.

Under this head we keep on hand numerous useful articles which can be employed in making plant culture more pleasant and ornamental. Any of the following articles will be forwarded to any part of the country upon receipt of price. A few of the articles are mailable and will be forwarded by mail, postage paid, if desired, at quoted prices. *The others can only be sent by express, the receiver paying expressage.*

Articles figured above.—**Fig. 1** represents an Iron One-cup Bracket for an Ivy Pot, finished in French Bronze, ground and varnished in beautiful and attractive style, price 50 cents. **Fig. 2** represents a Four-cup Bracket finished in the same style as Fig. 1. This is made movable or to swing in the fastening, price \$1.75. We have also in the same style a One-cup Bracket, with long swinging arm, price 60 cents; a Two-cup swinging Bracket, price 80 cents; a Three-cup swinging Bracket, price \$1.50. **Fig. 3** represents a Four-cup Table or Window Plant Stand of the same style as the preceding, worth \$2.00. The cups of these Brackets and the Stand are about 5 inches in diameter; all are readily taken apart or put together, and pack very compactly.

Fig. 4 represents the novelty of the season in Earthen Hanging Pots. Price of 6-inch size (length), 40 cents; 8-inch, 60 cents; these are richly painted in imitation of a section of a small tree. **Fig. 5** is an Ornamental Window Pot, finished in vermilion, green and gilt, and exceedingly pretty, size 6 inches across by nearly 7 inches high, price 60 cents. A Bull Pot case—the pot inside—is shown in **Fig. 6**; this is finished similar to **Fig. 4**, with the addition of a branch of Ivy on each side; 4½ inches in diameter by nearly 7 inches in height, price 50 cents. We have numerous styles of fancy Hanging Pots, somewhat similar to **Fig. 7**, all of which are painted tastily in striking colors. Of the pretty design, shown above, we have three sizes 8, 9 and 10 inches in diameter, which we sell at 50, 60 and 70 cents each, respectively. Brass chains can be furnished for these also, at 25 cents each. Painted Flower Pots, with Saucers attached, in various bright colors, prices: 5 inches in diameter, 25 cents; 6 inches, 35 cents; 7 inches, 45 cents. Where our friends will leave to us the choice of selecting for them, from our large variety, we will be almost certain to please them. We have a pretty and cheap Bronzed Iron support for a Hanging Pot or a Bird's Cage, which we sell at 25 cents each.

We offer a very handsome large square Iron Wardian Case or Fernery, 15 by 30 inches, with table and Ivy cup underneath, for \$32.00; without the table, for \$20.00; also another size, 14 by 17 inches, without table, for \$12.50. These cases are finished in green and gold, or in dark Bronze, as ordered. The clearest double glass is used, and the table is furnished with brass casters.

Flower Pots and Saucers of ordinary ware, in all sizes, from 2 inches and upwards, by the dozen, hundred or thousand. Prices on application, stating what is required.

Ornamental Bouquet Papers.—Imported goods; extra strong lace paper; shipped in no smaller quantities than one-half dozen. Sent by mail, post paid, 3½-inch size, per doz., 75 cents. 4-inch size, per doz., 90 cents. 5-inch size, per doz., \$1.10. 6-inch size, per doz., \$1.25. 7-inch size, per doz., \$1.35.

Thermometers.—Excellent instruments, in Japanned cases; 8-inch, by mail, post paid, for 55 cents. 12-inch, not mailable, \$1.00.

Hyacinth Glasses.—Tall, common, in various colors, 20 cents each. Tye's patterns, 30 cents each.

SPECIMENS of the SIXTY ILLUSTRATIONS (some full page size) in
THE HOME FLORIST.

SEE SECOND PAGE.



Hybrid Perpetual Rose, in Pot.



Fig. 13. Long Ribbon Bed.

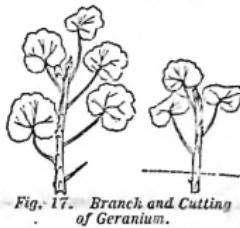


Fig. 17. Branch and Cutting of Geranium.

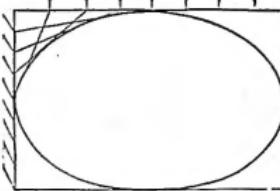


Fig. 7. Laying out an Oval.



Fig. 22. Protection.

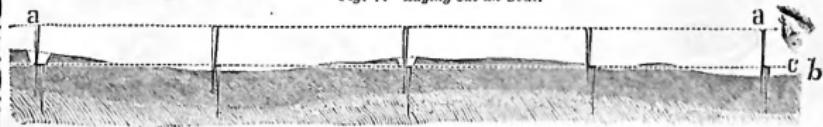


Fig. 2. Arranging Stakes to facilitate Grading.

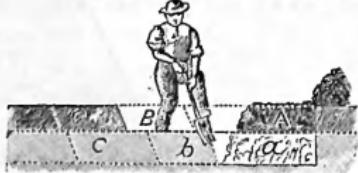


Fig. 15. Trenching.

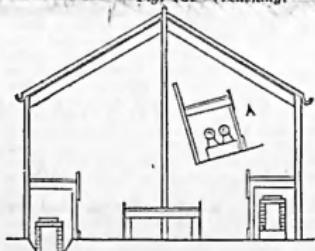


Fig. 20. Cross-section of Amateur's Conservatory.



Fig. 12. Massing.



Fig. 1.



Fig. 44. Double Geranium Plant.